

## The Knowledge Bank at The Ohio State University

### Ohio State Engineer

<b>Title:</b>	Departments and Societies
<b>Issue Date:</b>	Oct-1939
<b>Publisher:</b>	Ohio State University, College of Engineering
<b>Citation:</b>	Ohio State Engineer, vol. 23, no. 1 (October, 1939), 12-17, 20.
<b>URI:</b>	<a href="http://hdl.handle.net/1811/35651">http://hdl.handle.net/1811/35651</a>
<b>Appears in Collections:</b>	<a href="#">Ohio State Engineer: Volume 23, no. 1 (October, 1939)</a>

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# DEPARTMENTS *and* SOCIETIES

## *What They Are:*

**F**OREWORD: The following is an outline of activities open to engineering students of the Ohio State Campus. It includes important facts pertaining to the various organizations and groups most suited for engineers.

This outline was prepared by members of Texnikoi, Senior Engineering Honorary Fraternity, in an effort to interest more of the new men in the Engineering College in extra-curricular activities. Because the members of Texnikoi are themselves prominent in activities, they realize the worth of their participation. To foster and reward interest shown by members of the freshman class, each year Texnikoi presents a plaque to the engineering freshman who is deemed by them to be the most outstanding man in his class. It is quite an honor to receive this award and Texnikoi urges all freshmen to work toward this end.

### GOVERNMENT

#### Engineers' Council

**Purpose**—Contacts between faculty and students.

**Membership**—By selection—composed of two members from each department.

**Cost**—None.

**Whom to Contact**—Gerard C. Gambs, President.

#### Student Senate

**Purpose**—To centralize student government.

**Membership**—By appointment. Composed of one representative from each of college groups. Headed by Deans of Men and Women.

**Cost**—None.

**Whom to Contact**—Dean Park or Dean Gaw.

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5. Western Electric, which is the manufacturing and distributing unit of the Bell System.

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## PUBLICATIONS

### Ohio State Engineer

**Purpose**—Effect closer relationship between students, departments and engineering societies, and, to record news of Engineering College.

**Membership**—Staff positions filled by advisory board on basis of ability and interest. All engineers eligible.

**Cost**—None.

**Whom to Contact**—Helmuth Engelman.

### Makio (University Year Book)

**Purpose**—Practical work in Journalism.

**Membership**—Staff positions gained by work and selection. Open to anyone.

**Cost**—None.

**Whom to Contact**—Inquire at Makio office.

### Sun Dial

**Purpose**—Humorous interests.

**Membership**—Appointments to staff made on basis of work done. Open to anyone.

**Cost**—None.

**Whom to Contact**—Inquire at Sun Dial office.

### New Ohio Stater

**Purpose**—Provide a means of expression for campus literary productions.

**Membership**—Staff positions open to competition. Any student may contribute for position.

**Cost**—None.

**Whom to Contact**—Inquire at Ohio Stater office.

## HONORARIES

### Sphinx (Senior Honorary—Men)

**Purpose**—Carry on tradition, further the interests of O. S. U. in all ways. Senior Prom.

**Membership**—Based on scholarship, activities, personality and service to O. S. U. Point ratio 2.0. Limited to 16.

**Cost**—\$10.00 initiation.

**Whom to Contact**—Harry Vallery.

### Texnikoi (Senior Engineering Honorary)

**Purpose**—To sponsor activities in Engineering College.

**Membership**—Chosen from those students deemed most likely to succeed in the profession. Based on activities, personality, and academic work. Limited to 15.

**Cost**—\$10.00 initiation.

**Whom to Contact**—K. K. Edgar, I. E. department.

### Tau Beta Pi (Engineering Scholastic Honorary)

**Purpose**—Unite all departments of Engineering.

**Membership**—Composed of all branches of Engineering, based on scholarship.

**Cost**—\$25.00—\$4.00 per quarter.

**Whom to Contact**—Inquire at Engineering office.

### Tau Sigma Delta (Honorary)

**Purpose**—To foster intellectual interest and appreciation in architecture and the fine arts.

**Membership**—Selection made in spring of junior year or fall of senior year. Based on ability, personality and interest in the arts. 3.0 accumulative and 3.5 in majors required.

**Cost**—\$15.00 initiation.

**Whom to Contact**—Inquire at Department of Architecture office.

### Bucket and Dipper

**Purpose**—Cooperates with Chimes in managing junior prom.

**Membership**—Limited to 15 men in junior class, who have point ratio of 2.0 or better. Selected by outgoing members on basis of activities, personality, and scholarship.

**Cost**—\$10.00 Initiation.

**Whom to Contact**—Arch Rielly.

### Eta Kappa Nu (Electrical Engineering Honorary)

**Purpose**—Encourage scholarship, character and professional interest.

**Membership**—By selection. Open to juniors and seniors in E. E. who show promise of future success. First quarter juniors 3.0; Second quarter 2.9; seniors 2.5.

**Cost**—\$19.68 initiation plus \$9.00 annual dues.

**Whom to Contact**—Department of Electrical Engineering.

### Keramos (Ceramic Engineering Honorary)

**Purpose**—Special problems in Ceramics.

**Membership**—By invitation—point average about 3.0 plus personality requirements.

**Cost**—\$10.00 initiation, \$3.00 dues per year.

**Whom to Contact**—Department of Ceramic Engineering.

### Phi Eta Sigma (Freshman Scholastic Honorary)

**Purpose**—Honorary scholarship.

**Membership**—Limited to freshman men who get 3.5 average first quarter, first two quarters or first three quarters.

**Cost**—\$8.00, including cost of key.

**Whom to Contact**—J. A. Park, Dean of Men.

### Phi Lambda Upsilon (Chemistry Honorary)

**Purpose**—Foster work and interest in Chemistry.

**Membership**—By selection of juniors and seniors who have best records.

**Cost**—\$18.00 initiation.

**Whom to Contact**—Department of Chemistry.

### Romophos (Sophomore Honorary—Men)

**Purpose**—Honorary, sponsor sophomore prom.

**Membership**—Outstanding freshmen selected in May by preceding members. Selected on basis of scholarship and activities.

**Cost**—\$3.00 initiation.

**Whom to Contact**—William Livingstone.

### Sigma Pi Sigma (Honorary Physics Society)

**Purpose**—Honor scholarship and promote interest in Physics.

**Membership**—Physics students above sophomore year who have 3.0 average in Physics.

**Cost**—\$6.00 initiation plus \$1.00 yearly dues.

**Whom to Contact**—Department of Physics.

## DRAMATICS

### Quadrangle Jesters

**Purpose**—Dramatic production and presentation.

**Membership**—By tryout. Open to all students in College of Engineering.

**Cost**—None.

**Whom to Contact**—Dean C. Calland, President.

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## DEPARTMENTS

American Ceramic Society  
American Institute of Chemical Engineers  
American Institute of Electrical Engineering  
American Institute of Metallurgical Engineering  
American Society of Agricultural Engineers  
American Society of Civil Engineers  
American Society of Mechanical Engineers  
Society of Automotive Engineers  
Student Society of Industrial Engineers

**Purpose**—To organize and acquaint students in the work of the various departments.

**Membership**—By choice. All students in their respective departments are eligible.

**Cost**—Usually \$1.00 per year.

**Whom to Contact**—Department office.

## MILITARY

**Scabbard and Blade (Honorary Military)**

**Purpose**—To foster military ideals and unite R. O. T. C. units.

**Membership**—By invitation. Open to students in advanced military.

**Cost**—\$13.00 initiation. Dues \$3.00 per quarter.

**Whom to Contact**—Jack Caddell.

**Pi Tau Pi Sigma (Signal Corps Honorary)**

**Purpose**—Promote fellowship and military ideals.

**Membership**—By election. Anyone in advanced signal corps is eligible.

**Cost**—\$2.00 initiation plus \$2.00 per quarter dues.

**Whom to Contact**—Military Department.

**Pershing Rifles**

**Purpose**—Military, citizenship, organization.

**Membership**—Open to all male students by application.

**Cost**—\$8.00 initiation, \$1.00 per quarter.

**Whom to Contact**—William C. Robinson.

## MUSIC

**Symphony Orchestra**

**Purpose**—To develop skill in the individual and provide excellent music for the university.

**Membership**—By tryouts in performance. Open to all.

**Cost**—None.

**Whom to Contact**—Prof. Eugene Weigel, Director.

**Symphonic Band**

**Purpose**—To provide music for all the university.

**Membership**—By selection from all band organizations.

**Cost**—None.

**Whom to Contact**—Prof. Weigel.

**Marching Band**

**Purpose**—Provide music for athletic contests and R. O. T. C. parades.

**Membership**—By tryouts. Open to persons with experience.

**Cost**—None.

**Whom to Contact**—Prof. Weigel.

**Men's Glee Club**

**Purpose**—Musical.

**Membership**—Chosen from University chorus through tryouts.

**Cost**—\$1.00 per quarter.

**Whom to Contact**—Professor Louis Diercks, Director.

**University Chorus**

**Purpose**—Vocal practice.

**Membership**—By tryouts.

**Cost**—None.

**Whom to Contact**—Prof. Diercks.

# And What They're Doing

## American Ceramic Society

The "Clay Mixer" for Ceramic students was held on October 17, 1939, at Lord Hall. President Howard Petty opened the meeting with the election of the secretary and treasurer, Donald E. Postlewaite. Other students and their positions were announced including Kelting as Vice President, Ted McQuaide as junior representative to the Engineers Council, as well as the committee members.

Mr. Ross Purdy discussed the American Ceramic Society and its relation to Ceramic education. Dr. Boles outlined the function of the Engineering Experiment Station. Professor Baggs explained the curriculum of the Ceramic Art Department and Professor Watts gave a similar discussion of the Ceramic Engineering Department. Professor King described the new equipment recently installed and Professor Caruthers stressed the value of making contacts in Ceramics and read a letter sent by a recent graduate, Sam Daugherty.

## A. I. Ch. E.

The annual Chemical Engineer's Roundup, held Friday, October 6, 1939, was attended by a considerable group who heard Dean MacQuigg's address. He gave some interesting data tending to stimulate interest for engineering students in extra curricular activities. He further painted the functions of chemical engineers in the future by pointing out some of the recent accomplishments as well as some of the tasks and problems remaining to be solved.

Dr. Withrow stressed the importance of being able to express one's self and cautioned the sophomores to have patience. Respect for another's views and careful attention to the means to achieve an end were added words of wisdom.

The new officers include John Miller, President; Jack Caddell, Vice President; Loren Grandey, Secretary; Robert Lambert, Treasurer, and Paul Cooper, in charge of the Touch Football team. Another meeting is scheduled for October 20.

### A. S. C. E.

A Mid-West conference of gigantic proportions is the main topic on the Autumn program of the American Society of Civil Engineers. Covering a range of all the "Big Ten" schools and a few others, our campus will see at least two delegates from each of fourteen universities. As yet, the program has not been outlined but a committee is in operation to that effect. November 11th has been set as the probable date.

The originators of the movement for a joint session of mid-west societies are two illustrious seniors from the department. These fine gentlemen, congenially known to their friends as "Jake" Mathias and "Plumb Bob" Lawson, formulated their ideas after attending a similar conference at Chattanooga, Tennessee, last spring. Finding the plan successfully in operation way down south, they determined to unite the northern societies in a like manner. Questionnaires sent out to the different universities are already coming back heartily in favor of the plan. We are proud to have our university as the leader in another movement for friendship and cooperation.

### A. I. E. E.

The first meeting of the quarter was held on Friday evening, October 6, in University Hall Chapel. The feature of the meeting was a moving picture made by Dr. Charles F. Scott, an alumnus of this University. Dr. Scott made these pictures in celebration of his seventy-fifth birthday. It is part of the Diamond Jubilee program honoring Dr. Scott for his contributions to the field of Electrical Engineering. Highlights of Dr. Scott's life were given by Professor F. C. Caldwell of the Electrical Engineering Department, and Professor Boyd of the Mechanics Department.

The Middle Eastern District Meeting and Student Branch Convention of the American Institute of Electrical Engineers was held in Scranton, Pa., October 11-13. Representatives from Ohio State were Professors Dreese, Kimberly, and Caldwell; and Lawrence Kempton, local Student Branch Chairman. Professor Kimberly is Chairman of Student Branch Activities in this district and was in charge of the Counselors' Conference and the Student Conference. Prof. Caldwell was one of the speakers at the Testimonial Luncheon in honor of Dr. Charles F. Scott.

(Turn to Page 20)

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Several inspection trips were on the program, including a trip through one of the anthracite-coal mines of the Hudson Coal Company, and a trip through the Hazard Insulated-Wire Works of the Okonite Company. Technical papers on recent developments in the field of Electrical Engineering were presented by prominent men in the field.

### A. S. M. E. and S. A. E.

On October 6, Professor Alexander J. Christie, head of the Department of Mechanical Engineering at John Hopkins university, and national president of the A.S.M.E., spoke on "Creative Engineering" before the combined groups of the A.S.M.E. and S.A.E. In his talk he stressed the very great need of creative thinking on the part of engineers today.

An organizational meeting of both the A.S.M.E. and S.A.E. was held October 13 in room 100, Chemistry Building. Professor Bucher, of the Department of Mechanical Engineering, explained the functions of the societies for the large number of prospective members present.

A smoker was held on October 20 in Robinson Laboratory for all those interested in membership in either A.S.M.E. or S.A.E. Cider and doughnuts were served.

### Newton Should Have Explained to Him

Farmer: "Listen here, young man, what are you doing up in that tree?"

Boy: "One of your apples fell down and I was merely trying to put it back."

The brain of a college student is one of the most unusual things known to man. It starts to function the moment he jumps out of bed and doesn't stop until he reaches the classroom.

### T.V.A. and Flood Control Flash

It's a very small river if the government doesn't think it's worth a dam.

Henrietta: "Do you love me?"

Ed.: "Yep."

Henrietta: "Then why doesn't your chest heave like in the movies?"

And then there was the guy who was so doggoned egotistical that he would kiss his girl goodnight and say he was the second happiest person in the world.

When the ironic Lord Balfour visited New York, he was shown the Woolworth building by a proud American acquaintance. He was told its size, its cost, its accommodations. As a climax, the enthusiastic American announced that it was completely fireproof throughout.

"Really," replied the Englishman. "What a pity!"

Me: "I drink a cup of hot water every morning."

He: "So do I, but my wife calls it coffee."

All the jokes on this page have been victimized by kleptomania.

## Ohio State Radio Club

Improvement of the Radio Club station, W8LT, is to be the main aim of the Club this year. At an organization meeting October 9, plans were discussed which included re-housing of the No. 1 600 watt transmitter in two six-foot steel cabinets, and complete rebuilding of the No. 2 transmitter, a 100 watt outfit. The latter is to be remounted on a rack behind gray crackle panels.

Operation of W8LT has been temporarily suspended at the present time because of the work being done on the transmitter; however, it is expected to resume within a few weeks.

Donald L. Beam has been appointed Station Technician for the Autumn Quarter and is in charge of this work, together with John Dankworth of the Department of Electrical Engineering.

The Club will hold the first of its monthly dinner meetings at Pomerene Refectory on October 30.

J. M. SHULMAN.

### S. S. I. E.

The students in Industrial Engineering held a very successful smoker on October 17, at the Delta Tau Delta fraternity house, 80 East 13th Ave. Nearly one hundred and forty persons were present, including many freshmen and sophomores. Jim Brown, president, welcomed those attending and outlined the plans for future events. It was a good start and enabled the new students to get acquainted with the upper-classmen.

As a man who has had one glass too many boarded a large bus, he was helped to a vacant seat in the top deck by a good samaritan. Soon after this good fellow had returned to his seat on the first deck of the bus, the drunk came catapulting down the steps. "Can't shtay up there", he explained, "it's too dangerous, there'sh no driver up there."

A watch is something which if you look at long enough it will be too late to do what you were going to do before you looked at it.

Jones: "I'm sorry I came in with this black eye last night, dear."

Mrs. Jones: "You didn't come in with it.—You got that after you came in!"

Officer: "How did you come to puncture your tire?"

Cabdriver: "I ran over a milk bottle."

Officer: "Didn't you see the bottle?"

Cabdriver: "Naw, de kid had it under his coat."

"Dad, what is a diplomat?"

"A diplomat, my boy, is a person who is appointed to avert situations that would never occur if there were no diplomat."